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TITLE : PLASTIC MAGNET COMPOSITION

ABSTRACT : PURPOSE: To obtain the titled composition, having excellent resistance to deterioration by heat and oxidation and suitable as small-sized generators, etc., by blending a composition consisting of a polyolefin and magnetic substance powder with zinc or magnesium salt of a carboxylic acid or heavy metal inactivator in specific amounts.

CONSTITUTION: A composition obtained by blending (A) 100 pts.wt. composition consisting of (A₁) 5~20wt.% polyolefin (e.g., crystalline propylene polymer) and (A₂) 80~95wt.% magnetic substance powder (e.g., ferrite) having the surface treated with a coupling agent with (B) 0.01~5 pts.wt. zinc or magnesium salt of a carboxylic acid [e.g., zinc (magnesium) 2-ethylhexanoate or zinc (magnesium) stearate] and (C) 0.01~5 pts.wt. heavy metal inactivator (e.g., 2,4,6- triamino-1,3,5-triazine). Furthermore, (D) a phenolic antioxidant is preferably blended.

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